

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/IB 03/03166

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M39/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 904 245 A (CHEN ET AL.) 27 February 1990 (1990-02-27) the whole document ---	1-30
X	US 4 821 996 A (PELUSO ET AL.) 18 April 1989 (1989-04-18)	1, 29, 30
A	column 2, line 26 -column 3, line 39; figures 1,A,B,3,1A-13 ---	2-28
X	US 6 135 153 A (BRACK LEGAL REPRESENTATIVE BY ET AL) 24 October 2000 (2000-10-24) figures 1,7-13 ---	1, 29, 30
A	EP 1 106 191 A (JMS CO LTD) 13 June 2001 (2001-06-13) figures 2,3,9-11 ---	1-16, 29, 30 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

24 November 2003

Date of mailing of the international search report

02/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 104 387 A (KRAMLINGER ET AL.) 14 April 1992 (1992-04-14) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4904245	A	27-02-1990	NONE		
US 4821996	A	18-04-1989	NONE		
US 6135153	A	24-10-2000	NONE		
EP 1106191	A	13-06-2001	JP CA EP US WO	11128343 A 2341194 A1 1106191 A1 6589197 B1 0010626 A1	18-05-1999 02-03-2000 13-06-2001 08-07-2003 02-03-2000
US 5104387	A	14-04-1992	AU WO	7993791 A 9118632 A1	31-12-1991 12-12-1991